IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Scaler
Manufacturer:	Extron
Firmware Version:	1.07
Model(s):	DVS 510

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.6.0	1.17	3.5.1

Version History:

Driver Version	Date	Notes
3	1/28/2014	Extron Certified version. Tested on DVS 510. Added 60Hz Output Resolution Functionality.
2	8/31/2011	Extron Certified version. Added Preset Save, Preset Recall, Aspect Ratio, and Signal Status with Timer.
1	3/9/2011	Initial Extron Certified version.

Driver Notes:

- Timer and signal status are commands built into the driver to allow the user to trigger an action some number of minutes after there is no active signal connected to the switcher. When the timer is set to 0, it is inactive. When the timer is set to anything other than 0, the driver will begin counting down once there is no active signal connected. Once the countdown is finished, signal status will be set to inactive. A monitor can be configured to trigger an action at the end of the countdown by setting the condition to "Signal Status: Inactive."
- Driver has been optimized for volume.

Control Commands & States:

Aspect Ratio	Fill	Follow Input	
Audio Input	1 – 10		
Audio Mute	On	Off	
Audio/Video Input	1 – 10		
Auto Image	Execute		
Executive Mode	Mode 1	Mode 2	Off
Freeze	On	Off	
Output Resolution	640x480 (60Hz)	800x600 (60Hz)	852x480 (60Hz)
	1024x768 (60Hz)	1024x852 (60Hz)	1024x1024 (60Hz)
	1280x768 (60Hz)	1280x800 (60Hz)	1280x1024 (60Hz)
	1360x765 (60Hz)	1360x768 (60Hz)	1365x768 (60Hz)
	1365x1024 (60Hz)	1366x768 (60Hz)	1400x1050 (60Hz)
	1440x900 (60Hz)	1600x1200 (60Hz)	1680x1050 (60Hz)
	1920x1200 (60Hz)	480p (60Hz)	720p (60Hz)
	1080i (60Hz)	1080p (60Hz)	2048x1080 (60Hz)
Pan	Up	Down	Left
	Right		
PIP Input	1 – 10	Off	
PIP Swap	Execute		
Preset Recall[2]	1 – 16		
Preset Save[2]	1 – 16		
Timer[1]	0	10 sec	30 sec
	1 – 120 min		
Video Input	1 – 10		
Video Mute	Video	Video/Sync	Off
Volume (Discrete)	0 to 100 in steps of 1		
Volume (Step)	Up	Down	

Zoom	Near Far

1. Timer is in minute and is use to determine how long to wait when input signal is inactive before setting Input Status to inactive. When the timer is set to 0, it is disabled. If selection of timer doesn't have sec after the number then the number implies minutes.
2. Consult user manual about use of these. Input must have correct type settings and be active in order for recall to work.

Status Available:

Aspect Ratio	Fill	Follow Input	
Audio Input	1 – 10		
Audio Mute	On	Off	
Audio/Video Input	1 – 10		
Connection Status	Connected	Disconnected	
Executive Mode	Mode 1	Mode 2	Off
Freeze	On	Off	
Output Resolution	640x480 (60Hz)	800x600 (60Hz)	852x480 (60Hz)
	1024x768 (60Hz)	1024x852 (60Hz)	1024x1024 (60Hz)
	1280x768 (60Hz)	1280x800 (60Hz)	1280x1024 (60Hz)
	1360x765 (60Hz)	1360x768 (60Hz)	1365x768 (60Hz)
	1365x1024 (60Hz)	1366x768 (60Hz)	1400x1050 (60Hz)
	1440x900 (60Hz)	1600x1200 (60Hz)	1680x1050 (60Hz)
	1920x1200 (60Hz)	480p (60Hz)	720p (60Hz)
	1080i (60Hz)	1080p (60Hz)	2048x1080 (60Hz)
PIP Input	1 – 10	Off	
Signal Status	Active	Inactive	Count Down
	Status Unavailable		
Timer Status	0 – 120 Minutes		
Video Input	1 – 10		
Video Mute	Video	Video/Sync	Off
Volume (Discrete)	0 to 100 in steps of 1		

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	Yes
Default Port:	23
Multi-Connection Capable:	Yes
Port Changeable:	No

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters.

Notes for the Device: